



Le Thanh Phong, Msc.

Master in Crop Sciences

Deputy Director of Research Center for Rural Development (RCRD) - An Giang University (AGU) – VNU HCMC.

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1. Professional Interests: Crop sciences, Statistic, Rural Development, Computer science and Genetic and biodiversity.

2. Education and Qualifications:

- Master on Crop Science in Can Tho University (2007).
- Bachelor on Agronomy in Can Tho University (2002).

3. Training course:

- Short training course about “Using SPSS software for surveying about pest in rice”, a cooperated between IRRI with Can Tho University in “Three decrease, three grain” program (2005).
- Training course about “Analytical Writing” in Hue University of Agriculture and Forestry (HUAF), Vietnam (2008).
- Training Course on “Wetland Ecology and Management in the Lower Mekong Basin” in Thailand and Lao RP (2009).
- Training course about “Training for trainers on community education to minimize risks by pesticide use and production in the direction VietGAP”. Southern Regional Center Plant Protection. Long Dinh, Tien Giang (2011).

4. Current Status:

- **2002 - 2004:** Researcher at Department of Crop Science, College of Agriculture, Can Tho University and studied on Soybean breeding and using Vetiver grass applied to against erosion canal bank and water polluted treatment.
- **From 2004 to now:** Research Officer, Research Center for Rural Development, An Giang University, Vietnam. Specific research on: rural development, evaluation the programme in rice models, floating rice breeding, and alternative crop models.
- **Management experience:** Depute Director of Research Center for Rural Development on science research and projects (2012-2016).

5. Project and Research Participation:

5.1. Projects:

1. Activities Coordinator in Vietnam about project on “*Promoting the floating rice-based agro-ecological farming systems for a healthy society and adaptation to climate changes in the Lower Mekong Region and Myanmar*” Funded by Mitsui foundation **(2017-2019)**.
2. Participant in the project: “*Breeding about floating rice (*Oryza sativa*) varieties with high quality for flooding area of An Giang province*”. Funded by Department Science and Technology of An Giang province **(2016-2019)**.
3. Participant the project “*Towards a Non-Toxic Environment in South East Asia*” in extension stage of collaboration program between Research Center for Rural Development of An Giang University and Pesticide Action Network – Asia and the Pacific (PAN AP). Funded by Swedish International Development Cooperation Agency (Sida) **(2013 - 2018)**.
4. Carried out research on “*Assessment of traditional rice-based farming systems for adaptation to climate change in the Mekong Delta*” Funded by SEARCA (Philippine) **(2016-2017)**.
5. Participant in the project: “*An Giang and Piteå – Sustainable Communication*”. A project cooperation between An Giang province (Vietnam) and Piteå city (Sweden) about development and rising awareness on environment protection; and energy strategies and climate change; using byproducts from rice cultivar for energy. Specify on data analysis and writing report of baseline survey and planning **(2014-2016)**.
6. Participant in the project: “*Increasing capacity about practice on solid waste management in Long Xuyen city, An Giang province*”. A project cooperation between An Giang province (Vietnam) and Vaxjo city (Sweden). Specify on data analysis and writing report of baseline survey and planning **(2014-2016)**.
7. Technique coordinator about floating rice – vegetables system component on Project “*Floodplain Natural Resources Governance for Future Livelihoods*”. Cooperation between Can Tho University, Fulbright program and Research Center for Rural Development – An Giang University. Funded by USAID (USA) **(2015-2017)** (*on going*).
8. Carried out research on “*Monitoring and evaluation about 75 inbred lines of floating rice (*Oryza sativa*) at Vinh Phuoc commune, Tri Ton district, An Giang province in seasonal 2015-2016*”. Funded by Research Center for Rural Development **(2016)**.
9. Coordinator about research on “*Survey about Knowledge – attitude – practice (KAP) on status of solid waste in Long Xuyen city, An Giang province, Vietnam: case study of My Long ward and My Hoa Hung commune*”. Funded bay An Giang people committee (Vietnam) and Vaxjo Kommun (Sweden) **(2015)**.
10. Carried out research “*Restoration and development varieties/lines of traditional rice in An Giang and Dong Thap province in seasonal 2014-2015*”. Funded by PAN AP and Research Center for Rural Development **(2014)**.
11. Leader of research: Evaluation the effected of training on rice model “1 Must do, 5 Reductions” in An Giang province, the ACP programme. This research had supported by Department of Agriculture and Rural Development of An Giang province **(2015)**.
12. Leader of research: “*Knowledge, Attitude, and Practices towards the use of chlorpyrios and paraquat and their impact on human health and the environment*”. Cooperated between Research Center for Rural Development – An Giang University, Center for Gender, Family

- and Environment in Development, Center for Sustainable Rural Development. Funded by PAN AP (2014).
13. Participant in the project: *“Enhancing resilience for community to adaptation to climate change: Research and training activities for preservation and development of floating rice – vegetables farming systems in Vinh Phuoc commune, Tri Ton District, An Giang province, in the Mekong Delta, Vietnam”*. Funded by SEARCA (2014).
 14. Key participant carried out the research: *“Effect of some kind of organic-microbial fertilizers on agronomies characters, yield and economic efficiency of Floating rice (Oryza sativa sp.) at seedling stage and after flooding water recede in Vinh Phuoc commune, Tri ton district, An Giang province”*. Funded by PAN AP and Research Center for Rural Development (2013).
 15. Key participant in research *“Evaluation about efficiency of implementation producing follow ‘Large scale rice model’”*. This research had supported by Department of Agriculture and Rural Development of An Giang province (2013).
 16. Participant in the research *“Survey in Domestic consumption demand to rice with Global GAP standard”*. Funded by Department of Agriculture and Rural Development of An Giang province (2012).
 17. Participant in the research *“Investigation fishery status and role of natural alluvial in An Giang province”*. Funded by Vietnam River Network (VRN) (2011).
 18. Key participant in the project *“Towards a Non-Toxic Environment in South East Asia”* in extension stage of collaboration program between Research Center for Rural Development of An Giang University and Pesticide Action Network – Asia and the Pacific (PAN AP). Funded by Swedish International Development Cooperation Agency (Sida) (2010 - 2013).
 19. Carried out the research about *“Evaluation affecting factors on efficiency applied ‘I must do 5 reductions’ model of rice farmers in Chau Thanh district, An Giang province”*. Funded by Research Center for Rural Development, An Giang University (2011).
 20. Participant in the research about *“Climate Change Adaptation: Engaging Local Community into Decision Making Process”* in coordination with the Institute of Policy and Strategy for Agriculture and Rural Development, Ministry of Agriculture and Rural Development of Vietnam, funded by AusAID, Australia (2010).
 21. Principal participant in the research about *“Impacts of Saline Intrusion on Poor Households’ Livelihoods in Coastal Areas of Ben Tre Province, Vietnam”* funded by The SIDA/SAREC-funded project on sustainable rural development (RDViet) jointed by the Department of Urban and Rural Development (SOL), Swedish University of Agricultural Sciences (SLU) and Hue University of Agriculture and Forestry (HUAF), Vietnam (2010).
 22. Principal participant in the research about *“Women’s Role in their Livelihood Activities in Flood Seasons - A case study in An Phu, An Giang, Vietnam”*. Funded by the Research Center for Rural Development, An Giang University, Vietnam (2010).
 23. Key participant in the project *“Towards a Non-Toxic Environment in South East Asia”* in Phase I of collaboration program between Research Center for Rural Development of An Giang University and Pesticide Action Network – Asia and the Pacific (PAN AP). Funded by Swedish International Development Cooperation Agency (Sida) (2008 - 2010).

24. Principal participant in the research about “*Investigation pesticide use status of rice farmers in Chau Thanh district, An Giang province, Vietnam*” in collaboration program between Research Center for Rural Development of An Giang University and Pesticide Action Network – Asia and the Pacific (PAN AP). Funded by Swedish International Development Cooperation Agency (Sida) **(2008)**.
25. Participant in the project “*‘Tam Nong’ Development Planning for Tam Nong District, Dong Thap Province up to 2020 funded by Dong Thap’s Project Development Committee, Dong Thap Province, Vietnam*”. Funded by Tam Nong district people committee, Dong Thap province. Vietnam **(2009)**.
26. Participant in the research about “*Informal Financial Systems in Rural Areas of An Giang Province*” funded by The SIDA/SAREC-funded project on sustainable rural development (RDViet) jointed by the Department of Urban and Rural Development (SOL), Swedish University of Agricultural Sciences (SLU) and Hue University of Agriculture and Forestry (HUAF), Vietnam **(2009)**.
27. Principal participant in the research about “*The effects of migration on households in rural areas of An Giang province*” funded by The SIDA/SAREC-funded project on sustainable rural development (RDViet) jointed by the Department of Urban and Rural Development (SOL), Swedish University of Agricultural Sciences (SLU) and Hue University of Agriculture and Forestry (HUAF), Vietnam **(2008)**.
28. Principal participant carried out the experiment “*Experiment about adapting character of Jatropha Curcas L. in Tri Ton district, the mountainous area of An Giang province*” funded by Joint Grass-Roots Fukuoka (JGRF) organization and MITSUI CO., LTD. ENVIRONMENTAL FUND, Japan **(2008)**.
29. Carried out the experiment “*The role of Calcium in increasing yield and quality of peanut MD7 (Arachis hypogaeae L.) in sand soil of Bay Nui region, An Giang province*”. Thesis in master degree in crop sciences in College Agriculture and Applied Biology, Can Tho University, Vietnam **(2007)**.
30. Participant in the experiment “*Evaluation the effect of 2 rices + 1 soybean cropping system on three rices soil in Tam Binh district, Vinh Long province (2004-2007)*”. In Vinh Long province, Vietnam **(2004 - 2007)**.
31. Principal participant carried out the experiment “*Comparison and Evaluation five promising Mungbean in Cho Moi district, An Giang province*” in College Agriculture and Applied Biology, Can Tho University, Vietnam **(2004)**.
32. Participant in the project “*Change cropping system in sandy soil of Tra Vinh province*” in College Agriculture and Applied Biology, Can Tho University, Vietnam **(2003)**.
33. Participant in the project “*Surveys and evaluation the material sugarcane in Phung Hiep, Long My and Vi Thanh district, Hau Giang province*” in College Agriculture and Applied Biology, Can Tho University, Vietnam **(2003)**.
34. Carried out the experiment “*Comparison and Evaluation three college of soybean: 12 promising soybean varieties, 20 PA varieties soybean and 60 new varieties soybean introduced from Australia*” in College Agriculture and Applied Biology, Can Tho University, Vietnam **(2002-2004)**.

35. Principal participant in the project “*Applying the Vetiver system to resistance erosion of bank rive in Mekong delta*” in College Agriculture and Applied Biology, Can Tho University, Vietnam (2002-2004).
36. Principal participant in the project “*Breeding and selecting the new varieties of soybean with high yields and resistance with Etiella zinkenella Treitschke in Mekong delta and Southern East region*” in College Agriculture and Applied Biology, Can Tho University, Vietnam (2002 - 2003).
37. Carried out the experiment “*Observation and evaluation some morphologic and agronomic traits of 86 soybeans (Glycine Max M.) varieties introduced from America*”. Thesis in degree of Bachelor in College Agriculture and Applied Biology, Can Tho University, Vietnam (2002).

5.2. Publications

1. **Le Thanh Phong** and Tran Anh Thong. 2020. Report: “Highly hazardous pesticides in Vietnam: a situational analysis”. <https://ipen.org/documents/highly-hazardous-pesticides-vietnam-situational-analysis>
2. Nguyen Thi Thanh Xuan, Nguyen Chi Thanh, Pham Van Quang, Le Huu Phuoc and **Le Thanh Phong**. 2020. Evaluation of genetic diversity in floating rice collection by SSR markers. The Vietnam Academy of Agricultural Sciences Journal. Number 3 (112)/2020.
3. **Lê Thanh Phong**. 2019. Cây lúa mùa, bài toán cho nông nghiệp Việt Nam. The Saigontime online newspaper. Date: 13/4/2019. <https://www.thesaigontimes.vn/287503/cay-lua-mua-bai-toan-nong-nghiep-dbscl.html>
4. **Le Thanh Phong**. 2018. Chapter: “The diversity of floating rice phenotypes in An Giang province, Mekong Delta”. In the book “Conservation and development of the floating rice based agroecological farming systems in the Mekong delta”. Agricultural Publishing House. ISBN.978-604-60-2410-1.
5. **Le Thanh Phong** and Le Huu Phuoc. 2017. community-based floating rice variety selection in An Giang province. In international workshop on “*Forum on Promoting Sustainable Agriculture in the Mekong Sub-Region towards Food Security*” at 6-7 November 2017 in An Giang University.
6. **Le Thanh Phong**. 2017. Clean Agricultural, the trends and prospects for development in An Giang province. In workshop: “Preliminary workshop on 05 years implementing about cooperative law in An Giang province”. Department of Planning and Investment of An Giang province.
7. Truong Ngoc Thuy, **Le Thanh Phong**, Nguyen Van Kien and Le Thi Phuong Dong. 2016. “The impacts of paraquat and chlopyrifos in agricultural production on environment and farmers’ health in An Giang province, Vietnam”. Imperial Journal of Interdisciplinary Research (IJIR) Vol-2, Issue-6, 2016 ISSN: 2454-1362, <http://www.onlinejournal.in>.
8. **Le Thanh Phong**, Le Huu Phuc and Charles Alexander Howie. 2016. *Inventory Panicle Shapes of Floating Rice book*. Agriculture Publishing House. ISBN: 987-604-60-2251-0.
9. **Le Thanh Phong** and Le Huu Phuoc. 2015. “*Manual floating rice cultivation guide*” in Vietnamese. Publishing license No 103/GP-STTTT by Department Information and Communication of An Giang province.

10. **Le Thanh Phong** and Le Viet Dung. **2016**. Chapter 1: “*General about botany of Vetiver (Chrisopogon zizanioides) and introduction the Vetiver network international*” in the book “*Vetiver (Chrisopogon zizanioides) and applying in Vietnam*. Can Tho University Publishing house.
11. Le Viet Dung, Luu Thai Danh, Nguyen Viet Truong, **Le Thanh Phong** and Truong Thi Bich Van. **2016**. Chapter 6: “*The results of applying on Vetiver system after 15 years in Mekong delta, Vietnam*” in the book “*Vetiver (Chrisopogon zizanioides) and applying in Vietnam*. Can Tho University Publishing house.
12. Le Huu Phuoc and **Le Thanh Phong**. **2015**. “*Efficiency of some kinds of organic-microbial fertilizers on agronomies characters, yield and economic efficiency of Chines onion (Allium chinese G. Don.) at Vinh Phuoc commune, Tri Ton district, An Giang province in 2014*”. The science information of 12 years of establishment and development. Research Center for Rural Development.
13. **Le Thanh Phong**, Le Huu Phuoc and Huynh Ngoc Duc. **2015**. “*Effect of some kinds of organic-microbial fertilizers on agronomies characters, yield and economic efficiency of Floating rice (Oryza sativa) at seedling stage and after flooding water recede in Vinh Phuoc commune, Tri ton district, An Giang province*”. The science information of 12 years of establishment and development. Research Center for Rural Development.
14. **Le Thanh Phong** and Le Huu Phuoc. **2015**. “*Comparison about theory yield of floating rice (Oryza sativa) cultivated in Tri Ton, Cho Moi and Thanh Binh district at seasonal 2014-2016*”. The science information of 12 years of establishment and development. Research Center for Rural Development.
15. Nguyen Van Kien, **Le Thanh Phong**, Truong Ngoc Thuy, Huynh Ngoc Duc. Trang Thi My Duyen. Vo Van Oc. **2015**. “*History of establishment and development of projects study and apply technology for conservation and development on floating rice – vegetables system in An Giang province*”. The science information of 12 years of establishment and development. Research Center for Rural Development.
16. **Le Thanh Phong**. **2015**. Summery about activities of project “*Towards a non-toxic Environment in South East Asia (PAN AP project)*” form 2008 – 2015. The science information of 12 years of establishment and development. Research Center for Rural Development.
17. **Le Thanh Phong**, Nguyen Van Kien, Trinh Phuoc Nguyen and Le Phuong Viet. **2015**. “*Science research and international cooperation of Research Center for Rural Development: 12 years (2003-2015) and a stage of development*”. The science information of 12 years of establishment and development. Research Center for Rural Development.
18. **Le Thanh Phong** and Le Huu Phuoc. **2015**. “*Restoration of floating rice: varieties and biodiversity perspective*”. Science and Technology Journal of An Giang province. Vol-1, 2016 ISSN: 1859-0268. Pp: 12-16.
19. Nguyen Van Kien and **Le Thanh Phong**. **2014**. “*Role of Research Center for Rural Development in developing agricultural – rural and cope with climate change in Mekong delta*”. In Monographs Book with name “*The role of educated of university in social-economic development*”.

20. **Le Thanh Phong. 2013.** “*Evaluation affecting factors on efficiency applied ‘1 must do 5 reductions’ model of rice farmers in Chau Thanh district, An Giang province*”. Science Journal of An Giang University. 2013.
21. **Le Thanh Phong, Tran Anh Thong, Do Thi Thuy Diem, and Tran Thanh Binh. 2012.** “*Implementation pesticide waste collection campaign in Chau Thanh district, An Giang province*”. In conference about “Really and Solutions for Agricultural waste treatment (Pesticide Bags and bottles) in An Giang province”. An Giang People Committed and An Giang resource and environment Department.
22. Nguyen Van Kien, Tran Anh Thong, Tran Van Hieu, Vo Duy Thanh, **Le Thanh Phong, Tran Xuan Long, and Nguyen Van Thai. 2011.** “*Climate Change: Local Perception, Impacts and Adaptation of Agrarian Communities in the Coastal Provinces of the Mekong River Delta, Vietnam*”. In conference about ‘Water and Climate: Policy Implementation Challenges’ held in Canberra at the National Convention Centre from the 1-3rd of May 2012.
23. Tran Anh Thong and **Le Thanh Phong. 2011.** “*Impacts of saline intrusion on poor households’ livelihoods in coastal areas of Ben Tre province*”. Science Journal of Hue University of Agriculture and Forestry (HUAF), Vietnam.
24. Tran Thanh Binh and **Le Thanh Phong. 2009.** “*The effects of migration on households in rural areas of An Giang province*”. Science Journal of Hue University of Agriculture and Forestry (HUAF), Vietnam.
25. **Le Thanh Phong. 2009.** “*The role of Calcium in increasing yield and quality of peanut MD7 (Arachis hypogaeae L.) in sand soil of Bay Nui region, An Giang province*”. Science Journal of An Giang University.
26. Nguyen Van Quang and **Le Thanh Phong. 2007.** “*Evaluation the effect of 2 rices + 1 soybean cropping system on three rices soil in Tam Binh district, Vinh Long province (2004-2007)*”. Science Journal of Cantho University.
27. **Le Thanh Phong. 2007.** “*The role of Calcium in increasing yield and quality of peanut MD7 (Arachis hypogaeae L.) in sand soil of Bay Nui region, An Giang province*”. Thesis of master degree in College of Agriculture and Applied Biology.
28. Duong Van Chinh, Le Viet Dung and **Le Thanh Phong. 2004.** “*Comparison thirteen promising varieties/lines soybean in Cho Moi district, An Giang province in Spring-Summer season 2004*”. Science Journal of Can Tho University.
29. Le Viet Dung, Luu Thai Danh, **Le Thanh Phong** and Paul Truong, **2003.** “*Vetiver system for wave and current erosion control in the Mekong Delta, Vietnam*”. Proceeding the Third International Conference on Vetiver and Exhibition, Guangzhou, P.R. China, October 6 - 9, 2003. Page 356-364.
30. Le Viet Dung, Nguyen Chau Thanh Tung and **Le Thanh Phong. 2003.** “*Comparison thirteen promising varieties/lines soybean in Khuong island, Can Tho province in Spring-Summer season 2002*”. Science Journal of Can Tho University.
31. **Le Thanh Phong. 2002.** “*Observation and evaluation some morphologic and agronomic traits of 86 soybeans (Glycine Max M.) varieties introduced from America*”. Thesis of bachelor degree in College of Agriculture, Can Tho University.

5.3. International workshop presentations

1. **Le Thanh Phong. 2019.** Community based floating rice seeds selection in Vietnam. In Regional Mekong Workshop “Promoting the floating rice-based agroecological farming systems for a healthy society and adaptation to climate changes in the Lower Mekong Region and Myanmar Funded by Mitsui & Co., Ltd. Environment Fund 2016. Project Number: R16-0701. Yangon University, Myanmar.
2. **Le Thanh Phong. 2019.** Floating rice-based farming systems research in Vietnam. In Regional Mekong Workshop “Promoting the floating rice-based agroecological farming systems for a healthy society and adaptation to climate changes in the Lower Mekong Region and Myanmar Funded by Mitsui & Co., Ltd. Environment Fund 2016. Project Number: R16-0701. Yangon University, Myanmar.
3. **Le Thanh Phong. 2018.** Collecting and evaluating local rice varieties in An Giang, Kien Giang and Long An provinces. In international workshop on “*UGAS – International Symposium for Mutual collaboration between An Giang University, IAS and UGAS*” at 2 December 2018 in Hirosaki University, Japan.
4. **Le Thanh Phong, Truong Ngoc Thuy, Le Thi Phuong Dong, Pham Duy Tien, Lam Quoc Phuong, Vo Van Oc, Vo Phu Quy and Nguyen Van Kien. 2017.** Assessment of traditional rice-based farming systems for adaptation to climate change in the Mekong delta. In international workshop on “*Forum on Promoting Sustainable Agriculture in the Mekong Sub-Region towards Food Security*” at 6-7 November 2017 in An Giang University.
5. **Le Thanh Phong, Nguyen Van Kien, Trinh Phuoc Nguyen, Trang Thi My Duyen and Truong Ngoc Thuy. 2017.** Floating rice-based farming systems in An Giang province. In international workshop on “*Forum on Promoting Sustainable Agriculture in the Mekong Sub-Region towards Food Security*” at 6-7 November 2017 in An Giang University.
6. **Le Thanh Phong, Truong Ngoc Thuy, Le Thi Phuong Dong, Pham Duy Tien, Lam Quoc Phuong, Vo Van Oc, Vo Phu Quy and Nguyen Van Kien. 2017.** “Assessment of traditional rice-based farming systems for adaptation to climate change in the Mekong delta”. In international workshop on “*Forum on Promoting Sustainable Agriculture in the Mekong Sub-Region towards Food Security*” at 6-7 November 2017 in An Giang University.

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